

gabriel and associates
gabriel and associates

environmental consultants

171092
1814 north marshfield
chicago, illinois 60622
(312) 486-2123

February 20, 1986

Arrow Gear Company
2301 Curtiss Street
Downers Grove, IL 60515

Attention: Mr. Dave Greco

Just a reminder that you have the following invioce still
open

<u>Invoice</u>	<u>Date</u>	<u>Amount</u>
125128	12/31/85	1,069.00

We would appreciate receiving payment for the above invoice
as soon as possible.

Thanks for your attention to this matter.

Sincerely,

Janet Sizemore

Janet Sizemore
Accounting Supervisor

JS/dw

gabriel laboratories, ltd.

1814 north marshfield
chicago, illinois, 60622
(312) 486-2123

Invoice # 1000
Your P.O.#
Project #
Terms NET

DATE: 11/11/75

For Professional Services Rendered:

1. Removal of oil and sludge, sludge and debris from the
2. Removal of sludge and debris from the waste oil disposal tank.
3. Removal of sludge and debris from the waste oil disposal tank.
4. Removal of sludge and debris from the waste oil disposal tank.

Total Invoice \$

1. Removal of sludge and debris from the waste oil disposal tank.
2. Removal of sludge and debris from the waste oil disposal tank.
3. Removal of sludge and debris from the waste oil disposal tank.

A 1.75% monthly service charge will be added to all invoices past due.

**gabriel laboratories, ltd.
gabriel laboratories, ltd.**

**water, wastewater, and
environmental testing**

**1814 north marshfield
chicago, illinois 60622
(312) 486-2123**

January 23, 1986

Arrow Gear Company
2301 Curtiss Street
Downers Grove, IL 60515

Attention: Mr. Dave Greco

Subject: Results of Product Acid Testing

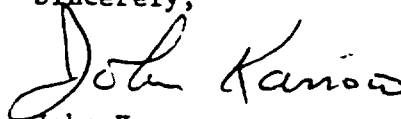
Dear Mr. Greco:

Attached please find the results of analyses performed on two samples of product compound for safety evaluation. Analyses performed are intended to characterize items required on safety data sheets.

All analyses were performed in accordance with Standard Methods or ASTM procedures.

If you have any questions, please do not hesitate to call.

Sincerely,



John Karrow
Registered Professional Engineer

Associate
Gabriel and Associates

JK:pq:L14

Attachment

RECEIVED

JAN 27 1986

ARROW GEAR CO.

gabriel laboratories, ltd.

ARROW GEAR COMPANY

ANALYSIS REPORT

Sample No.
Sample Description:

~~152~~ 7956-85
4% Hydrochloric
and Alcohol

7957-85
4% Nitric
and Alcohol

Parameters

pH	<1.0	<1.0
Flash Point	<50°F	<50°F
Chloride	2.0%	
Nitrate		4.0%
Solubility in Water	Complete	Complete
Odor	Alcoholic	Alcoholic
Specific Gravity	0.84	0.83
Appearance Color	Olive Green	Burnt Orange
Alcohol Assay (GC)	90% Ethanol plus Trace Methanol	90% Ethanol plus Trace Methanol

Analyses Certified by

John Kane

Date

1/25/85

Results, except as noted, are expressed in ug/g (solid or semisolid phase), or mg/L (liquid phase).

Analyses performed according to Standard Methods, latest edition; USEPA Test Methods for Evaluating Solid Wastes, SW-846, 1982 and ASTM Methods.

gabriel laboratories, ltd.

WASTE ANALYSIS REPORT

Company: Arrow Gear Company
2301 Curtiss Street
Downers Grove, IL 60515

Gabriel Log # 7834-85

Sample Date: October 9, 1985
Date Received: October 18, 1985

Sample
Collected by: Client

Sample Description: Waste Oil Analysis

<u>Parameter</u>	<u>As Received</u>	<u>EP Toxicity</u>
pH	8.7	-
Alkalinity	3490	-
Total Solids	36.7 %	-
Arsenic	-	<0.5
Barium	-	0.4
Cadmium	-	<0.1
Chromium Hexavalent	-	<0.1
Lead	-	<0.1
Mercury	-	<1 ppb
Selenium	-	<0.1
Silver	-	<0.1
Sulfide Total	1200	-
Sulfide Reactive	<5	-
Cyanides Total	<1	-
Phenols	139	-
Flash Point °F	Burns at 170°F	-
BTU/lb	16,980	-
Chlorine	0.12 %	-

Analyses Certified by

John L. Lane

Date

11/13/85

Results, except as noted, are expressed in ug/g (solid or semisolid phase), or mg/L (liquid phase).

Analyses performed according to Standard Methods, latest edition; USEPA Test Method for Evaluating Solid Wastes, SW-846, 1980 and ASTM Methods.

gabriel laboratories, ltd.

ARROW GEAR COMPANY

ANALYSIS REPORT

Sample No. 7958-85
Sample Description: Grinding Sludge
and Coolant

Sample collected by: Client
Sample Date: October 1, 1985
Date Received: October 24, 1985

<u>Parameters</u>	<u>Results</u>	<u>E.P. Toxicity</u>
pH	9.6	
Alkalinity	1640	
Total Solids	91.4%	
Arsenic		<0.1
Barium		0.6
Cadmium		<0.1
Chromium Hexavalent		<0.1
Lead		<0.1
Mercury		<1 ppb
Selenium		<0.1
Silver		<0.1
Sulfide Total	<10	
Cyanides Total	<5	
Phenols	<5	
BTU/lb	9680	
Flash Point	>212°F	
Chlorine	<0.1	

Analyses Certified by J. L. Kanaw Date 12-15/85

Results, except as notes, are expressed in ug/g (solid or semisolid phase), or mg/L (liquid phase).

Analyses performed according to Standard Methods, latest edition; USEPA Test Methods for Evaluating Solid Wastes, SW-846, 1982 and ASTM Methods.